

22. The measurement apparatus of claim 14 wherein said signal processor further comprises a multichannel amplifier which amplifies said signal arising from neural sample activities and a multi-channel display device which displays an amplified signal waveform in real-time.

A' 23. The measurement apparatus of claim 22 further comprising a computer which outputs said stimulation signal via a D/A converter and receives and processes an output signal arising from electric physiological activities of said neural sample via an A/D converter.--

### REMARKS

These new claims correspond to claims 14 and 16-24 as found in the parent application. One claim (current claim 21, former claim 22) has been amended to obviate a rejection under 35 U.S.C. §112, second paragraph, found in the parent. Therefore, claims 1-13 are currently canceled and new claims 14-23 are currently pending. As the new claims correspond to those found in the parent application, no new matter has been introduced. Amendment and cancellation of certain claims is not to be construed as a dedication to the public of any of the subject matter of the claims as previously presented.

### CONCLUSION

Consideration and allowance of the pending claims are respectfully requested. If it is determined that a telephone conversation would expedite the prosecution of this application, the Examiner is invited to telephone the undersigned at the number given below.

In the unlikely event that the transmittal letter is separated from this document and the Patent Office determines that an extension and/or other relief is required, applicant petitions for any required relief including extensions of time and authorizes the Assistant Commissioner to charge the cost of such petitions and/or other fees due in connection with the filing of this document to Deposit Account No. 03-1952 referencing docket no. 369212000131. However,


the Assistant Commissioner is not authorized to charge the cost of the issue fee to the Deposit Account.

Respectfully submitted,

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